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Application No. 09/485,512  
Response dated August 13, 2004  
Reply to Office action of May 17, 2004

Docket No.: 30850/40350

**Complete Listing of Claims Pursuant to 37 C.F.R. §1.121**

Pursuant to 37 C.F.R. §1.121 the following is a complete listing of the claims of the present application. In this set of claims, please amend claim 1 as follows. With the amendments to the aforementioned claims, the following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently amended) A recombinant porcine adenovirus capable of expressing heterologous DNA; said DNA of interest being stably integrated into ~~an appropriate site of said recombinant porcine adenovirus genome wherein said site comprises a right hand end of said genome and wherein said right hand end comprises from about 50 genomic map units to about 100 genomic map units wherein said site is selected from the group consisting of one or more mapping units selected from the group consisting of mapping units 50-55, 55-65, 72-85, 81-84, and 97-99.5 of PAV3.~~
  2. (Currently amended) A recombinant vector including a recombinant porcine adenovirus stably incorporating, and capable of expressing heterologous DNA wherein said heterologous DNA is incorporated ~~into~~ in a right hand end of said recombinant porcine adenovirus genome and wherein said right hand end comprises from about 50 genomic map units to about 100 genomic map units a site selected from the group consisting of one or more mapping units selected from the group consisting of mapping units 50-55, 55-65, 72-85, 81-84, and 97-99.5 of PAV3.
  3. (Canceled)
  4. (Previously presented) A recombinant vector as claimed in claim 2 wherein said recombinant porcine adenovirus includes a live porcine adenovirus having virion structural proteins unchanged from those in a native porcine adenovirus from which said recombinant porcine adenovirus is derived.
- 5-24. (Canceled)
25. (Canceled)